

ISSUE CLASSIFICATION	
Class	Subclass

## U.S. UTILITY Patent Application

O.I.P.E.		PATENT DATE
FA SCANNED	15-4 Q.A.	4/11

APPLICATION NO. 09/820068	CONT/PRIOR	CLASS 257 423	SUBCLASS 580	ART UNIT 28TT 2874	EXAMINER <del>CHEN</del> CHEN
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# TITLE

Method of barrier metal surface treatment prior to Cu deposition to improve adhesion and trench filling characteristics

PTO-2040  
12/89

ISSUING CLASSIFICATION												
ORIGINAL				CROSS REFERENCE(S)								
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
INTERNATIONAL CLASSIFICATION												

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<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)		<b>ISSUE FEE</b>	
			Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)		<b>ISSUE BATCH NUMBER</b>	
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